



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:
Application No. :
Filed:

Juliana H. J. Brooks and Bentley J. Blum
09/919,679
August 1, 2001

Title: Spectral Catalysts

G/A Unit: 1651
Examiner: Jon P. Weber
Docket No.: BLP:101(a) US CIP

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir,

In regard to the Final Office Action of April 6, 2004, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 5-6, without prejudice or disclaimer to the subject matter contained therein.

REMARKS

Claims 5 and 6 have been cancelled to place the application in better condition for appeal. A Petition for a three month extension of time and a Notice of Appeal are being filed contemporaneously herewith.

Claims 1-4 and 7-15 stand rejected. The rejections in the Action are respectfully traversed.

A brief summary of the claimed invention is warranted. Applicants disclose and claim that a physical catalyst in a chemical reaction system can be augmented by the exposure of the reaction system to at least one frequency. However, the claims recite not just any frequency, but rather, a very specific frequency (or combination of frequencies). The specific frequency (or combination of frequencies) exposed to the reaction system can, for example, correspond to at

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